

DERWENT-ACC-NO: 1994-028111

DERWENT-WEEK: 199651

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TITLE: Tufted carpet support material -
comprises glass fibres
predominantly clad with polymer
giving impregnated glass yarn for protection from eg
mutual contact

INVENTOR: RAUCH, C

PATENT-ASSIGNEE: PORCHER TEXTILE SA[PORCN] , PORCHER
TEXTILE[PORCN]

PRIORITY-DATA: 1992FR-0009069 (July 17, 1992) ,
1994JP-0019961 (January 20,
1994)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
LANGUAGE		MAIN-IPC	
EP 580531 A1		January 26, 1994	F
010	D05C	017/02	
DE 69305272 E		November 14, 1996	N/A
000	D05C	017/02	
FR 2693744 A1		January 21, 1994	N/A
016	D05C	017/00	
AU 9341968 A		January 20, 1994	N/A
000	D03D	015/00	
CA 2100713 A		January 18, 1994	F
000	D04H	011/00	
JP 07216718 A		August 15, 1995	N/A
007	D05C	015/08	
AU 662230 B		August 24, 1995	N/A
000	D03D	015/00	
EP 580531 B1		October 9, 1996	F
012	D05C	017/02	

DESIGNATED-STATES: AT BE CH DE DK ES FR GB IT LI NL SE

CITED-DOCUMENTS: US 3320113; US 3642516 ; US 3864195 ; US

4263362

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
EP 580531A1	N/A	
1993EP-0420305	July 16, 1993	
DE 69305272E	N/A	
1993DE-0605272	July 16, 1993	
DE 69305272E	N/A	
1993EP-0420305	July 16, 1993	
DE 69305272E	Based on	EP 580531
N/A		
FR 2693744A1	N/A	
1992FR-0009069	July 17, 1992	
AU 9341968A	N/A	
1993AU-0041968	July 16, 1993	
CA 2100713A	N/A	
1993CA-2100713	July 16, 1993	
JP 07216718A	N/A	
1994JP-0019961	January 20, 1994	
AU 662230B	N/A	
1993AU-0041968	July 16, 1993	
AU 662230B	Previous Publ.	AU 9341968
N/A		
EP 580531B1	N/A	
1993EP-0420305	July 16, 1993	

INT-CL (IPC): A47G027/02, D03D015/00 , D04H011/00 ,
D05C015/00 ,
D05C015/08 , D05C017/00 , D05C017/02 , D06N007/00

ABSTRACTED-PUB-NO: EP 580531A

BASIC-ABSTRACT:

The carrier for a tufted material, to hold and anchor the tufts, is an unsized material which is virtually stable in normal use. It is composed of glass fibres, where a large number are clad with a polymer to give an impregnated glass yarn to protect the glass fibres from mutual contact and from the movement of the tufting needles.

Before treatment with the polymer, the glass fibre material

weight is at least
100 g/m² with, at 100 g/m², at least 12 glass fibre warps
and wefts per cm..
The warps and wefts can have the same or different
thicknesses, at at least 34
tex.. Where the material weight is about 160 g/m², apart
from the polymer, the
warp/weft thickness is 68 tex or more. With an uncoated
fabric weight of 210
g/m², using warps and wefts of 68 tex or more, the glass
fibre warps are at
17.5 per cm or more, with wefts at 12.5 per cm or more. A
300 g/m² material
uses glass fibres in a yarn thickness of 136 tex, with 9
warps per cm and 13
wefts per cm. A 160 g/m² material has 4800 glass filaments
or more per cm in
the warps and wefts, and a 210 g/m² fabric has 7000 glass
filaments per cm in
the warps and 4800 glass filaments per cm in the wefts.

USE/ADVANTAGE - The material is for mfg. fitted tufted
floor coverings. The
structure gives a long life for a carpeting which does not
distort and resists
the mechanical damage which could result from the tufting
action.

ABSTRACTED-PUB-NO: EP 580531B

EQUIVALENT-ABSTRACTS:

Tuft support into which the threads that are to form the
tufted carpeting
wearing surface are inserted, characterised in that it is
made up of a weave,
the oiling of which has been kept, which is practically
non-deformable in
normal conditions of use, and made up of glass fibre yarns
impregnated with a
polymer to coat a large number of the filaments that make
up each glass fibre
yarn and so considerably restrict, during the tufting
process, direct contact
between, on the one hand, the yarns that form the glass
weave and, on the other
hand, tufting loom needles and the threads used to produce
the wearing surface.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS: TUFT CARPET SUPPORT MATERIAL COMPRISE GLASS
FIBRE PREDOMINANTLY

CLAD POLYMER IMPREGNATE GLASS YARN PROTECT
MUTUAL CONTACT

DERWENT-CLASS: A94 F05

CPI-CODES: A12-B05; A12-D02; F01-H06; F02-D;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 0306 1095 1294 2604 2724 2822 3159

Multipunch Codes: 017 034 04- 055 056 117 122 150 27& 441
477 541 542 614 664

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1994-012888